

Katherine M Phillips

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

3,426

citations

27

h-index

58

g-index

59

ext. papers

3,776

ext. citations

4.5

avg, IF

4.72

L-index

| # | Paper | IF | Citations |
|----|---|-----|-----------|
| 58 | The total antioxidant content of more than 3100 foods, beverages, spices, herbs and supplements used worldwide. <i>Nutrition Journal</i> , 2010 , 9, 3 | 4.3 | 477 |
| 57 | Content of redox-active compounds (ie, antioxidants) in foods consumed in the United States. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 95-135 | 7 | 415 |
| 56 | Phytosterol composition of nuts and seeds commonly consumed in the United States. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9436-45 | 5.7 | 293 |
| 55 | Free and Esterified Sterol Composition of Edible Oils and Fats. <i>Journal of Food Composition and Analysis</i> , 2002 , 15, 123-142 | 4.1 | 231 |
| 54 | Effects of reducing dietary saturated fatty acids on plasma lipids and lipoproteins in healthy subjects: the DELTA Study, protocol 1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998 , 18, 441-9 | 9.4 | 212 |
| 53 | Descriptive characteristics of the dietary patterns used in the Dietary Approaches to Stop Hypertension Trial. DASH Collaborative Research Group. <i>Journal of the American Dietetic Association</i> , 1999 , 99, S19-27 | | 187 |
| 52 | New and existing oils and fats used in products with reduced trans-fatty acid content. <i>Journal of the American Dietetic Association</i> , 2006 , 106, 867-80 | | 162 |
| 51 | Vitamin D and sterol composition of 10 types of mushrooms from retail suppliers in the United States. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 7841-53 | 5.7 | 110 |
| 50 | Comparison of monounsaturated fat with carbohydrates as a replacement for saturated fat in subjects with a high metabolic risk profile: studies in the fasting and postprandial states. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1611-20 | 7 | 106 |
| 49 | Determination of Sterols in Foods: Recovery of Free, Esterified, and Glycosidic Sterols. <i>Journal of Food Composition and Analysis</i> , 2001 , 14, 631-643 | 4.1 | 80 |
| 48 | Stability of vitamin C in frozen raw fruit and vegetable homogenates. <i>Journal of Food Composition and Analysis</i> , 2010 , 23, 253-259 | 4.1 | 73 |
| 47 | Quality-control materials in the USDA National Food and Nutrient Analysis Program (NFNAP). <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 384, 1341-55 | 4.4 | 69 |
| 46 | Comparison of monounsaturated fat with carbohydrates as a replacement for saturated fat in subjects with a high metabolic risk profile: studies in the fasting and postprandial states. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 1611-1620 | 7 | 68 |
| 45 | Vitamin D mushrooms: comparison of the composition of button mushrooms (<i>Agaricus bisporus</i>) treated postharvest with UVB light or sunlight. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 8724-32 | 5.7 | 64 |
| 44 | Precise quantitative determination of phytosterols, stanols, and cholesterol metabolites in human serum by capillary gas-liquid chromatography. <i>Biomedical Applications</i> , 1999 , 732, 17-29 | | 55 |
| 43 | ANALYSIS OF STERYL GLUCOSIDES IN FOODS AND DIETARY SUPPLEMENTS BY SOLID-PHASE EXTRACTION AND GAS CHROMATOGRAPHY. <i>Journal of Food Lipids</i> , 2005 , 12, 124-140 | | 54 |
| 42 | Comparison of 4 nutrient databases with chemical composition data from the Dietary Approaches to Stop Hypertension trial. DASH Collaborative Research Group. <i>Journal of the American Dietetic Association</i> , 1999 , 99, S45-53 | | 54 |

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|----|---|-----|----|
| 41 | Total antioxidant content of alternatives to refined sugar. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 64-71 | | 51 |
| 40 | Matrix-specific method validation for quantitative analysis of vitamin C in diverse foods. <i>Journal of Food Composition and Analysis</i> , 2012 , 26, 12-25 | 4.1 | 42 |
| 39 | Simplified gravimetric determination of total fat in food composites after chloroform-methanol extraction. <i>JAOCs, Journal of the American Oil Chemists Society</i> , 1997 , 74, 137-142 | 1.8 | 40 |
| 38 | Vitamin D4 in mushrooms. <i>PLoS ONE</i> , 2012 , 7, e40702 | 3.7 | 35 |
| 37 | Comparison of Total Folate Concentrations in Foods Determined by Microbiological Assay at Several Experienced U.S. Commercial Laboratories. <i>Journal of AOAC INTERNATIONAL</i> , 2005 , 88, 805-813 | 1.7 | 35 |
| 36 | Development and validation of control materials for the measurement of vitamin D3 in selected US foods. <i>Journal of Food Composition and Analysis</i> , 2008 , 21, 527-534 | 4.1 | 34 |
| 35 | Phytosterol content of experimental diets differing in fatty acid composition. <i>Food Chemistry</i> , 1999 , 64, 415-422 | 8.5 | 32 |
| 34 | Diet design for a multicenter controlled feeding trial: the DELTA program. Delta Research Group. <i>Journal of the American Dietetic Association</i> , 1998 , 98, 766-76 | | 30 |
| 33 | Difference in folate content of green and red sweet peppers (<i>Capsicum annuum</i>) determined by liquid chromatography-mass spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 9998-10002 | 5.7 | 29 |
| 32 | Stability of vitamin C in fruit and vegetable homogenates stored at different temperatures. <i>Journal of Food Composition and Analysis</i> , 2016 , 45, 147-162 | 4.1 | 28 |
| 31 | Effect of freeze-drying and heating during analysis on dietary fiber in cooked and raw carrots. <i>Journal of Agricultural and Food Chemistry</i> , 1991 , 39, 1216-1221 | 5.7 | 27 |
| 30 | Phytosterol-deficient and high-phytosterol diets developed for controlled feeding studies. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 2043-51 | | 26 |
| 29 | Interlaboratory Trial for Measurement of Vitamin D and 25-Hydroxyvitamin D [25(OH)D] in Foods and a Dietary Supplement Using Liquid Chromatography-Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 3167-75 | 5.7 | 22 |
| 28 | Cholesterol and vitamin D content of eggs in the U.S. retail market. <i>Journal of Food Composition and Analysis</i> , 2013 , 29, 110-116 | 4.1 | 21 |
| 27 | Nutrient composition of selected traditional United States Northern Plains Native American plant foods. <i>Journal of Food Composition and Analysis</i> , 2014 , 34, 136-152 | 4.1 | 21 |
| 26 | EXTENDED VALIDATION OF A SIMPLIFIED EXTRACTION AND GRAVIMETRIC DETERMINATION OF TOTAL FAT TO SELECTED FOODS. <i>Journal of Food Lipids</i> , 2008 , 15, 309-325 | | 21 |
| 25 | Validation of diet composition for the Dietary Approaches to Stop Hypertension trial. DASH Collaborative Research Group. <i>Journal of the American Dietetic Association</i> , 1999 , 99, S60-8 | | 21 |
| 24 | Folate composition of 10 types of mushrooms determined by liquid chromatography-mass spectrometry. <i>Food Chemistry</i> , 2011 , 129, 630-636 | 8.5 | 20 |

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| 23 | Reference materials to evaluate measurement systems for the nutrient composition of foods: results from USDA's National Food and Nutrient Analysis Program (NFNAP). <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 389, 219-29 | 4.4 | 18 |
| 22 | Liquid chromatography with ultraviolet and dual parallel mass spectrometric detection for analysis of vitamin D in retail fortified orange juice. <i>Journal of Food Composition and Analysis</i> , 2011 , 24, 299-306 | 4.1 | 17 |
| 21 | Sterol composition of shellfish species commonly consumed in the United States. <i>Food and Nutrition Research</i> , 2012 , 56, | 3.1 | 17 |
| 20 | Vitamin D levels in fish and shellfish determined by liquid chromatography with ultraviolet detection and mass spectrometry. <i>Journal of Food Composition and Analysis</i> , 2013 , 30, 109-119 | 4.1 | 16 |
| 19 | Implications of two different methods for analyzing total dietary fiber in foods for food composition databases. <i>Journal of Food Composition and Analysis</i> , 2019 , 84, 103253 | 4.1 | 13 |
| 18 | Preparation and characterization of control materials for the analysis of conjugated linoleic acid and trans-vaccenic acid in beef. <i>Food Research International</i> , 2010 , 43, 2253-2261 | 7 | 11 |
| 17 | Summary of reference materials for the determination of the nutrient composition of foods. <i>Accreditation and Quality Assurance</i> , 2007 , 12, 126-133 | 0.7 | 11 |
| 16 | A mixed mushroom control material to facilitate inter-laboratory harmonization of mushroom composition analyses. <i>Journal of Food Composition and Analysis</i> , 2016 , 48, 48-66 | 4.1 | 10 |
| 15 | Optimization of Standard Gas Chromatographic Methodology for the Determination of Trans Fat in Unlabeled Bakery Products. <i>Food Analytical Methods</i> , 2010 , 3, 277-294 | 3.4 | 10 |
| 14 | Seasonal variability of the vitamin C content of fresh fruits and vegetables in a local retail market. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 4191-4204 | 4.3 | 9 |
| 13 | Heat of immersion in water of Wyodak No. 3 coal as a function of moisture content. <i>Fuel</i> , 1986 , 65, 647-649 | | 8 |
| 12 | Dietary fiber, starch, and sugars in bananas at different stages of ripeness in the retail market. <i>PLoS ONE</i> , 2021 , 16, e0253366 | 3.7 | 8 |
| 11 | Large Variability of Iodine Content in Retail Cow's Milk in the U.S. <i>Nutrients</i> , 2020 , 12, | 6.7 | 7 |
| 10 | Folic Acid Content of Ready-to-Eat Cereals Determined by Liquid Chromatography-Mass Spectrometry: Comparison to Product Label and to Values Determined by Microbiological Assay. <i>Cereal Chemistry</i> , 2010 , 87, 42-49 | 2.4 | 7 |
| 9 | Folate content of different edible portions of vegetables and fruits. <i>Nutrition and Food Science</i> , 2008 , 38, 175-181 | 1.5 | 7 |
| 8 | The Percentage of Dietary Phosphorus Excreted in the Urine Varies by Dietary Pattern in a Randomized Feeding Study in Adults. <i>Journal of Nutrition</i> , 2019 , 149, 816-823 | 4.1 | 4 |
| 7 | Cooking parameters affect the sodium content of prepared pasta. <i>Food Chemistry</i> , 2019 , 271, 479-487 | 8.5 | 3 |
| 6 | The Type and Amount of Dietary Fat Affect Plasma Factor VIIc, Fibrinogen, and PAI-1 in Healthy Individuals and Individuals at High Cardiovascular Disease Risk: 2 Randomized Controlled Trials. <i>Journal of Nutrition</i> , 2020 , 150, 2089-2100 | 4.1 | 1 |

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| 5 | Vitamin D in Foods: An Evolution of Knowledge 2018 , 41-77 | | 1 |
| 4 | Fine Tuning a Bile-Enzymatic-Gravimetric Total Dietary Fiber Method. <i>Journal of AOAC INTERNATIONAL</i> , 1997 , 80, 89-94 | 1.7 | 1 |
| 3 | Survey of vitamin D and 25-hydroxyvitamin D in traditional native Alaskan meats, fish, and oils. <i>Journal of Food Composition and Analysis</i> , 2018 , 74, 114-128 | 4.1 | 1 |
| 2 | Iodine in foods and dietary supplements: A collaborative database developed by NIH, FDA and USDA. <i>Journal of Food Composition and Analysis</i> , 2022 , 104369 | 4.1 | 0 |
| 1 | Control materials for validating measurement of vitamin D in key foods for the USDA National Food and Nutrient Analysis Program (NFNAP). <i>FASEB Journal</i> , 2008 , 22, 868.10 | 0.9 | |